

Sunderland

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	1.37	0	NC*	Male	1.06	4	NC*
Female	0.53	0	NC*	Female	0.90	0	NC*
Total	1.90	0	NC*	Total	1.96	4	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.60	0	NC*	Male	0.26	1	NC*
Female	0.45	0	NC*	Female	0.23	0	NC*
Total	1.05	0	NC*	Total	0.50	1	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.09	0	NC*	Male	1.37	3	NC*
Female	9.74	10	103	Female	1.10	1	NC*
Total	9.83	10	102	Total	2.47	4	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.81	1	NC*	Male	1.00	0	NC*
				Female	0.45	0	NC*
				Total	1.45	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	3.48	3	NC*	Female	1.21	3	NC*
Female	3.32	1	NC*				
Total	6.80	4	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.51	0	NC*	Male	0.55	1	NC*
Female	0.17	0	NC*	Female	0.57	0	NC*
Total	0.67	0	NC*	Total	1.12	1	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.40	0	NC*	Male	8.04	8	100
Female	0.32	0	NC*				
Total	0.72	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.87	0	NC*	Male	0.60	1	NC*
Female	0.53	1	NC*	Female	0.37	0	NC*
Total	1.40	1	NC*	Total	0.97	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.48	0	NC*	Male	0.73	0	NC*
Female	0.12	0	NC*				
Total	0.60	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.71	1	NC*	Male	0.28	0	NC*
Female	0.56	1	NC*	Female	0.80	1	NC*
Total	1.27	2	NC*	Total	1.08	1	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.32	0	NC*	Female	1.72	1	NC*
Female	0.12	0	NC*				
Total	0.44	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	4.41	3	NC*	Male	29.34	27	92
Female	3.42	3	NC*	Female	29.57	27	91
Total	7.83	6	77	Total	58.91	54	92

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

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Sutton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	4.20	3	NC*	Male	2.88	1	NC*
Female	1.31	1	NC*	Female	2.01	2	NC*
Total	5.51	4	NC*	Total	4.89	3	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	1.52	3	NC*	Male	0.81	1	NC*
Female	1.08	2	NC*	Female	0.63	3	NC*
Total	2.60	5	192	Total	1.44	4	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.28	0	NC*	Male	3.58	5	140
Female	25.04	14	56 #-	Female	2.65	1	NC*
Total	25.32	14	55 #-	Total	6.23	6	96
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	1.66	1	NC*	Male	3.06	1	NC*
				Female	1.18	1	NC*
				Total	4.24	2	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	10.51	4	NC*	Female	2.99	3	NC*
Female	8.19	5	61				
Total	18.70	9	48 #-				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	1.64	3	NC*	Male	1.73	1	NC*
Female	0.41	1	NC*	Female	1.43	3	NC*
Total	2.05	4	NC*	Total	3.15	4	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.73	2	NC*	Male	25.83	18	70
Female	0.56	0	NC*				
Total	1.29	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	2.65	2	NC*	Male	1.82	3	NC*
Female	1.38	1	NC*	Female	0.89	1	NC*
Total	4.03	3	NC*	Total	2.71	4	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	1.54	3	NC*	Male	1.08	1	NC*
Female	0.36	0	NC*				

Total	1.91	3	NC*
<u>Leukemia</u>			
Male	1.95	2	NC*
Female	1.36	1	NC*
Total	3.32	3	NC*
<u>Liver and Intrahepatic Bile Ducts</u>			
Male	0.97	0	NC*
Female	0.32	0	NC*
Total	1.28	0	NC*
<u>Lung and Bronchus</u>			
Male	13.69	11	80
Female	9.34	10	107
Total	23.03	21	91

<u>Thyroid</u>			
Male	0.61	0	NC*
Female	1.52	1	NC*
Total	2.13	1	NC*
<u>Uteri, Corpus and Uterus, NOS</u>			
Female	4.77	7	147
<u>All Sites / Types</u>			
Male	87.05	68	78 #-
Female	74.18	63	85
Total	161.22	131	81 #-

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Swampscott

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	11.31	11	97	Male	6.63	17	257 ~+
Female	4.49	9	200	Female	5.21	5	96
Total	15.79	20	127	Total	11.83	22	186 #+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	3.29	3	NC*	Male	2.11	1	NC*
Female	2.75	2	NC*	Female	1.97	3	NC*
Total	6.04	5	83	Total	4.08	4	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.71	0	NC*	Male	8.35	6	72
Female	68.44	75	110	Female	7.99	10	125
Total	69.15	75	108	Total	16.35	16	98
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	3.84	1	NC*	Male	6.88	3	NC*
				Female	3.42	4	NC*
				Total	10.30	7	68
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	28.20	26	92	Female	7.94	9	113
Female	28.17	28	99				
Total	56.37	54	96				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	3.99	6	150	Male	4.38	6	137

Female	1.45	1	NC*	Female	4.88	4	NC*
Total	5.45	7	129	Total	9.26	10	108
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.37	0	NC*	Male	66.87	97	145 ^+
Female	1.22	2	NC*				
Total	2.59	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	6.30	13	206 #+	Male	4.72	5	106
Female	4.07	2	NC*	Female	3.03	4	NC*
Total	10.36	15	145	Total	7.75	9	116
<u>Larynx</u>				<u>Testis</u>			
Male	3.63	2	NC*	Male	1.91	2	NC*
Female	1.01	1	NC*				
Total	4.64	3	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	4.58	6	131	Male	1.21	1	NC*
Female	3.72	2	NC*	Female	3.35	2	NC*
Total	8.29	8	96	Total	4.56	3	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	2.32	5	216	Female	13.26	18	136
Female	1.02	2	NC*				
Total	3.34	7	210				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	35.41	31	88	Male	218.88	258	118 #+
Female	28.47	29	102	Female	215.57	227	105
Total	63.88	60	94	Total	434.45	485	112 #+

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Swansea

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	11.52	9	78	Male	7.14	2	NC*
Female	4.20	3	NC*	Female	5.20	1	NC*
Total	15.72	12	76	Total	12.34	3	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	3.64	4	NC*	Male	2.18	3	NC*
Female	2.77	1	NC*	Female	1.90	2	NC*
Total	6.41	5	78	Total	4.07	5	123
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			

Male	0.74	1	NC*	Male	8.96	8	89
Female	68.59	61	89	Female	7.73	6	78
Total	69.33	62	89	Total	16.69	14	84
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	3.94	5	127	Male	7.48	8	107
<u>Colon / Rectum</u>				Female	3.36	3	NC*
Male	28.94	23	79	Total	10.85	11	101
Female	26.22	19	72	<u>Ovary</u>			
Total	55.16	42	76	Female	8.00	8	100
<u>Esophagus</u>				<u>Pancreas</u>			
Male	4.24	4	NC*	Male	4.58	6	131
Female	1.35	2	NC*	Female	4.60	8	174
Total	5.59	6	107	Total	9.18	14	152
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.62	1	NC*	Male	70.46	79	112
Female	1.24	2	NC*	<u>Stomach</u>			
Total	2.86	3	NC*	Male	4.86	4	NC*
<u>Kidney and Renal Pelvis</u>				Female	2.80	1	NC*
Male	6.71	2	NC*	Total	7.66	5	65
Female	4.02	5	124	<u>Testis</u>			
Total	10.74	7	65	Male	2.34	2	NC*
<u>Larynx</u>				<u>Thyroid</u>			
Male	3.91	2	NC*	Male	1.39	1	NC*
Female	1.03	1	NC*	Female	3.44	1	NC*
Total	4.94	3	NC*	Total	4.84	2	NC*
<u>Leukemia</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	4.88	6	123	Female	13.35	10	75
Female	3.62	4	NC*	<u>All Sites / Types</u>			
Total	8.50	10	118	Male	230.56	224	97
<u>Liver and Intrahepatic Bile Ducts</u>				Female	211.58	166	78 ~-
Male	2.48	2	NC*	Total	442.14	390	88 #-
Female	0.98	0	NC*	<u>Lung and Bronchus</u>			
Total	3.45	2	NC*	Male	37.06	42	113
<u>Lung and Bronchus</u>				Female	28.16	17	60 #-
Male	37.06	42	113	Total	65.23	59	90
Female	28.16	17	60 #-				
Total	65.23	59	90				

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Taunton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	30.93	31	100	Male	19.42	16	82
Female	13.26	13	98	Female	16.38	17	104
Total	44.19	44	100	Total	35.80	33	92
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	10.24	7	68	Male	5.77	6	104
Female	8.74	6	69	Female	5.76	7	122
Total	18.99	13	68	Total	11.53	13	113
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	1.96	2	NC*	Male	24.81	25	101
Female	204.96	221	108	Female	24.25	25	103
Total	206.92	223	108	Total	49.06	50	102
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	12.65	15	119	Male	19.65	33	168 ~+
<u>Colon / Rectum</u>				Female	10.17	14	138
Male	77.51	81	105	Total	29.82	47	158 ~+
Female	83.33	81	97	<u>Ovary</u>			
Total	160.84	162	101	Female	24.18	25	103
<u>Esophagus</u>				<u>Pancreas</u>			
Male	11.06	13	118	Male	12.13	15	124
Female	4.29	2	NC*	Female	14.40	15	104
Total	15.35	15	98	Total	26.53	30	113
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	5.11	8	157	Male	183.41	170	93
Female	4.42	6	136	<u>Stomach</u>			
Total	9.52	14	147	Male	13.08	24	184 ~+
<u>Kidney and Renal Pelvis</u>				Female	9.02	11	122
Male	17.77	24	135	Total	22.10	35	158 #+
Female	12.12	15	124	<u>Testis</u>			
Total	29.89	39	130	Male	7.85	12	153
<u>Larynx</u>				<u>Thyroid</u>			
Male	10.14	12	118	Male	3.99	1	NC*
Female	2.94	3	NC*	Female	11.49	8	70
Total	13.07	15	115	Total	15.47	9	58
<u>Leukemia</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	13.68	17	124	Female	38.94	28	72
Female	11.69	15	128	<u>All Sites / Types</u>			
Total	25.37	32	126	Male	615.37	674	110 #+
<u>Liver and Intrahepatic Bile Ducts</u>				Female	647.46	668	103
Male	6.55	5	76	Total	1262.83	1342	106 #+
Female	3.04	0	NC*	<u>Lung and Bronchus</u>			
Total	9.59	5	52	Male	97.52	122	125 #+
<u>Lung and Bronchus</u>				Female	83.42	98	117
Male	97.52	122	125 #+	Total	180.94	220	122 ~+
Female	83.42	98	117				
Total	180.94	220	122 ~+				

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Templeton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	4.62	3	NC*	Male	2.92	3	NC*
Female	1.60	2	NC*	Female	2.02	2	NC*
Total	6.22	5	80	Total	4.93	5	101
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	1.50	2	NC*	Male	0.88	1	NC*
Female	1.08	4	NC*	Female	0.72	2	NC*
Total	2.59	6	232	Total	1.60	3	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.30	0	NC*	Male	3.66	4	NC*
Female	25.86	26	101	Female	2.97	4	NC*
Total	26.16	26	99	Total	6.63	8	121
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	1.55	1	NC*	Male	3.06	1	NC*
				Female	1.27	1	NC*
				Total	4.33	2	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	11.57	14	121	Female	3.04	3	NC*
Female	10.05	11	109				
Total	21.62	25	116				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	1.71	1	NC*	Male	1.84	2	NC*
Female	0.52	0	NC*	Female	1.75	2	NC*
Total	2.23	1	NC*	Total	3.59	4	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.68	0	NC*	Male	28.06	19	68
Female	0.52	0	NC*				
Total	1.20	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	2.74	1	NC*	Male	1.96	3	NC*
Female	1.52	0	NC*	Female	1.08	3	NC*
Total	4.25	1	NC*	Total	3.04	6	198
<u>Larynx</u>				<u>Testis</u>			
Male	1.59	2	NC*	Male	0.99	2	NC*
Female	0.38	0	NC*				

Total	1.97	2	NC*
<u>Leukemia</u>			
Male	2.00	0	NC*
Female	1.43	2	NC*
Total	3.42	2	NC*
<u>Liver and Intrahepatic Bile Ducts</u>			
Male	1.00	0	NC*
Female	0.37	2	NC*
Total	1.38	2	NC*
<u>Lung and Bronchus</u>			
Male	14.84	14	94
Female	10.53	11	104
Total	25.37	25	99

<u>Thyroid</u>			
Male	0.58	0	NC*
Female	1.39	0	NC*
Total	1.96	0	NC*
<u>Uteri, Corpus and Uterus, NOS</u>			
Female	4.98	7	141
<u>All Sites / Types</u>			
Male	92.74	77	83
Female	80.41	92	114
Total	173.15	169	98

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Tewksbury

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	15.78	12	76	Male	10.91	10	92
Female	5.53	4	NC*	Female	8.16	11	135
Total	21.31	16	75	Total	19.07	21	110
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	5.87	4	NC*	Male	3.04	4	NC*
Female	4.31	2	NC*	Female	2.58	1	NC*
Total	10.18	6	59	Total	5.62	5	89
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	1.05	1	NC*	Male	13.69	10	73
Female	101.62	104	102	Female	10.92	14	128
Total	102.66	105	102	Total	24.61	24	98
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	6.68	4	NC*	Male	11.38	10	88
				Female	4.81	6	125
				Total	16.19	16	99
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	39.94	42	105	Female	12.12	16	132
Female	34.39	37	108				
Total	74.33	79	106				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	6.13	6	98	Male	6.49	7	108

Female	1.75	2	NC*	Female	6.04	5	83
Total	7.88	8	102	Total	12.53	12	96
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	3.01	3	NC*	Male	99.19	98	99
Female	2.26	3	NC*				
Total	5.27	6	114				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	9.93	12	121	Male	6.80	9	132
Female	5.67	7	124	Female	3.72	2	NC*
Total	15.59	19	122	Total	10.53	11	104
<u>Larynx</u>				<u>Testis</u>			
Male	5.78	6	104	Male	4.71	4	NC*
Female	1.47	1	NC*				
Total	7.24	7	97				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	7.40	7	95	Male	2.40	4	NC*
Female	5.44	3	NC*	Female	6.11	5	82
Total	12.84	10	78	Total	8.51	9	106
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	3.65	3	NC*	Female	19.33	12	62
Female	1.31	3	NC*				
Total	4.96	6	121				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	52.28	84	161 ^+	Male	332.19	350	105
Female	38.55	40	104	Female	303.78	302	99
Total	90.83	124	137 ~+	Total	635.97	652	103

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Tisbury

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	2.62	1	NC*	Male	1.51	4	NC*
Female	1.25	0	NC*	Female	1.29	3	NC*
Total	3.87	1	NC*	Total	2.80	7	250 #+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.76	1	NC*	Male	0.48	1	NC*
Female	0.69	1	NC*	Female	0.53	1	NC*
Total	1.45	2	NC*	Total	1.01	2	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			

Male	0.16	0	NC*	Male	1.92	4	NC*
Female	17.15	26	152	Female	2.13	1	NC*
Total	17.31	26	150	Total	4.05	5	124
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.89	1	NC*	Male	1.57	0	NC*
				Female	0.89	2	NC*
				Total	2.46	2	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	6.55	5	76	Female	1.97	5	254
Female	7.89	1	NC*				
Total	14.43	6	42 #-				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.92	0	NC*	Male	1.02	1	NC*
Female	0.41	0	NC*	Female	1.36	1	NC*
Total	1.33	0	NC*	Total	2.38	2	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.32	2	NC*	Male	15.68	15	96
Female	0.29	0	NC*				
Total	0.60	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	1.44	0	NC*	Male	1.09	0	NC*
Female	1.07	0	NC*	Female	0.85	0	NC*
Total	2.50	0	NC*	Total	1.94	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.84	0	NC*	Male	0.44	0	NC*
Female	0.25	1	NC*				
Total	1.09	1	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.06	2	NC*	Male	0.27	0	NC*
Female	0.98	0	NC*	Female	0.76	1	NC*
Total	2.04	2	NC*	Total	1.04	1	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.53	1	NC*	Female	3.33	4	NC*
Female	0.28	0	NC*				
Total	0.81	1	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	8.23	2	NC*	Male	50.78	43	85
Female	7.50	7	93	Female	56.08	58	103
Total	15.73	9	57	Total	106.86	101	95

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Tolland

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.26	0	NC*	Male	0.15	0	NC*
Female	0.07	0	NC*	Female	0.08	0	NC*
Total	0.32	0	NC*	Total	0.23	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.07	0	NC*	Male	0.05	0	NC*
Female	0.05	0	NC*	Female	0.03	0	NC*
Total	0.12	0	NC*	Total	0.08	0	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.02	0	NC*	Male	0.19	0	NC*
Female	1.10	0	NC*	Female	0.12	0	NC*
Total	1.12	0	NC*	Total	0.31	0	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.06	0	NC*	Male	0.16	0	NC*
				Female	0.05	0	NC*
				Total	0.22	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	0.64	0	NC*	Female	0.13	0	NC*
Female	0.42	2	NC*				
Total	1.06	2	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.09	0	NC*	Male	0.10	0	NC*
Female	0.02	0	NC*	Female	0.07	0	NC*
Total	0.11	0	NC*	Total	0.17	0	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.03	0	NC*	Male	1.54	1	NC*
Female	0.02	0	NC*				
Total	0.05	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.15	1	NC*	Male	0.11	0	NC*
Female	0.06	0	NC*	Female	0.04	0	NC*
Total	0.21	1	NC*	Total	0.15	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.09	0	NC*	Male	0.04	0	NC*
Female	0.02	0	NC*				
Total	0.10	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.10	0	NC*	Male	0.03	0	NC*
Female	0.06	0	NC*	Female	0.05	0	NC*
Total	0.16	0	NC*	Total	0.08	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.05	0	NC*	Female	0.22	0	NC*
Female	0.02	0	NC*				
Total	0.07	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	0.81	1	NC*	Male	5.00	4	NC*
Female	0.46	0	NC*	Female	3.40	2	NC*
Total	1.27	1	NC*	Total	8.40	6	71

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Topsfield

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	4.76	1	NC*	Male	2.87	7	244
Female	1.88	2	NC*	Female	2.15	4	NC*
Total	6.64	3	NC*	Total	5.02	11	219 #+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	1.43	0	NC*	Male	0.89	0	NC*
Female	1.12	2	NC*	Female	0.81	1	NC*
Total	2.55	2	NC*	Total	1.70	1	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.30	0	NC*	Male	3.59	2	NC*
Female	28.63	23	80	Female	3.26	3	NC*
Total	28.94	23	79	Total	6.85	5	73
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	1.56	0	NC*	Male	3.05	2	NC*
				Female	1.44	2	NC*
				Total	4.49	4	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	11.89	4	NC*	Female	3.31	1	NC*
Female	11.72	10	85				
Total	23.60	14	59 #-				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	1.75	1	NC*	Male	1.89	0	NC*
Female	0.61	0	NC*	Female	2.04	1	NC*
Total	2.36	1	NC*	Total	3.93	1	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.59	0	NC*	Male	28.87	24	83
Female	0.47	0	NC*				
Total	1.06	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	2.72	3	NC*	Male	2.01	1	NC*
Female	1.67	3	NC*	Female	1.28	1	NC*
Total	4.39	6	137	Total	3.29	2	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	1.60	2	NC*	Male	0.80	1	NC*
Female	0.42	0	NC*				

Total	2.02	2	NC*
<u>Leukemia</u>			
Male	1.96	1	NC*
Female	1.58	2	NC*
Total	3.53	3	NC*

<u>Thyroid</u>			
Male	0.53	0	NC*
Female	1.33	1	NC*
Total	1.86	1	NC*

<u>Liver and Intrahepatic Bile Ducts</u>			
Male	1.01	0	NC*
Female	0.42	0	NC*
Total	1.43	0	NC*

<u>Uteri, Corpus and Uterus, NOS</u>			
Female	5.54	9	162

<u>Lung and Bronchus</u>			
Male	15.12	7	46 #-
Female	11.50	8	70
Total	26.61	15	56 #-

<u>All Sites / Types</u>			
Male	93.85	58	62 ^-
Female	89.42	75	84
Total	183.27	133	73 ^-

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Townsend

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	3.70	8	216	Male	2.81	3	NC*
Female	1.35	0	NC*	Female	2.24	2	NC*
Total	5.05	8	159	Total	5.04	5	99
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	1.57	4	NC*	Male	0.73	0	NC*
Female	1.20	1	NC*	Female	0.65	4	NC*
Total	2.78	5	180	Total	1.38	4	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.25	0	NC*	Male	3.51	0	NC*
Female	26.69	24	90	Female	2.82	3	NC*
Total	26.94	24	89	Total	6.32	3	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	1.90	1	NC*	Male	2.96	1	NC*
				Female	1.24	4	NC*
				Total	4.20	5	119
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	9.30	8	86	Female	3.24	8	247 #+
Female	8.39	7	83				
Total	17.69	15	85				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	1.50	1	NC*	Male	1.56	0	NC*

Female	0.42	0	NC*	Female	1.46	0	NC*
Total	1.93	1	NC*	Total	3.02	0	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.85	0	NC*	Male	22.96	26	113
Female	0.69	0	NC*				
Total	1.53	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	2.50	1	NC*	Male	1.64	0	NC*
Female	1.45	0	NC*	Female	0.92	0	NC*
Total	3.95	1	NC*	Total	2.56	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	1.45	0	NC*	Male	1.31	1	NC*
Female	0.37	0	NC*				
Total	1.82	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.94	2	NC*	Male	0.65	1	NC*
Female	1.50	0	NC*	Female	1.80	3	NC*
Total	3.44	2	NC*	Total	2.45	4	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.91	0	NC*	Female	4.99	11	220 #+
Female	0.33	0	NC*				
Total	1.24	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	12.28	6	49	Male	80.07	64	80
Female	9.60	8	83	Female	78.63	83	106
Total	21.88	14	64	Total	158.70	147	93

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Truro

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	2.11	3	NC*	Male	1.12	1	NC*
Female	0.63	1	NC*	Female	0.68	0	NC*
Total	2.75	4	NC*	Total	1.80	1	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.53	1	NC*	Male	0.38	1	NC*
Female	0.37	0	NC*	Female	0.28	0	NC*
Total	0.90	1	NC*	Total	0.66	1	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			

Male	0.13	1	NC*	Male	1.43	2	NC*
Female	9.35	14	150	Female	1.11	1	NC*
Total	9.48	15	158	Total	2.54	3	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.48	0	NC*	Male	1.16	3	NC*
<u>Colon / Rectum</u>				Female	0.47	0	NC*
Male	5.25	3	NC*	Total	1.63	3	NC*
Female	3.99	3	NC*	<u>Ovary</u>			
Total	9.24	6	65	Female	1.07	1	NC*
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.71	0	NC*	Male	0.80	1	NC*
Female	0.21	0	NC*	Female	0.69	3	NC*
Total	0.92	0	NC*	Total	1.49	4	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.19	0	NC*	Male	12.21	12	98
Female	0.14	1	NC*	<u>Stomach</u>			
Total	0.33	1	NC*	Male	0.87	0	NC*
<u>Kidney and Renal Pelvis</u>				Female	0.42	0	NC*
Male	1.09	0	NC*	Total	1.29	0	NC*
Female	0.57	1	NC*	<u>Testis</u>			
Total	1.67	1	NC*	Male	0.24	1	NC*
<u>Larynx</u>				<u>Thyroid</u>			
Male	0.63	0	NC*	Male	0.18	0	NC*
Female	0.14	0	NC*	Female	0.40	0	NC*
Total	0.77	0	NC*	Total	0.58	0	NC*
<u>Leukemia</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.79	3	NC*	Female	1.85	1	NC*
Female	0.49	0	NC*	<u>All Sites / Types</u>			
Total	1.28	3	NC*	Male	39.27	41	104
<u>Liver and Intrahepatic Bile Ducts</u>				Female	29.80	28	94
Male	0.41	0	NC*	Total	69.07	69	100
Female	0.14	1	NC*				
Total	0.55	1	NC*				
<u>Lung and Bronchus</u>							
Male	6.44	4	NC*				
Female	4.12	0	NC*				
Total	10.56	4	NC*				

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Tyngsborough

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	3.93	2	NC*	Male	3.00	4	NC*
Female	1.44	3	NC*	Female	2.38	3	NC*
Total	5.37	5	93	Total	5.38	7	130
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	1.70	1	NC*	Male	0.79	1	NC*
Female	1.28	1	NC*	Female	0.69	0	NC*
Total	2.98	2	NC*	Total	1.48	1	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.27	0	NC*	Male	3.74	3	NC*
Female	28.59	26	91	Female	3.01	7	233
Total	28.86	26	90	Total	6.75	10	148
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	2.02	1	NC*	Male	3.17	3	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	10.01	13	130	Female	1.33	1	NC*
Female	8.98	8	89	Total	4.50	4	NC*
Total	18.98	21	111	<u>Pancreas</u>			
<u>Esophagus</u>				<u>Prostate</u>			
Male	1.63	0	NC*	Male	25.53	15	59 #-
Female	0.45	0	NC*	<u>Stomach</u>			
Total	2.08	0	NC*	Male	1.73	5	289
<u>Hodgkin's Disease</u>				<u>Testis</u>			
Male	0.91	1	NC*	Male	1.42	1	NC*
Female	0.72	0	NC*	<u>Thyroid</u>			
Total	1.63	1	NC*	Male	0.71	0	NC*
<u>Kidney and Renal Pelvis</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	2.71	4	NC*	Female	5.37	5	93
Female	1.56	1	NC*	<u>All Sites / Types</u>			
Total	4.27	5	117	Male	87.13	75	86
<u>Larynx</u>				<u>Female</u>			
Male	1.57	0	NC*	Female	84.18	99	118
Female	0.40	2	NC*	Total	171.31	174	102
Total	1.98	2	NC*				
<u>Leukemia</u>							
Male	2.07	1	NC*				
Female	1.58	4	NC*				
Total	3.65	5	137				
<u>Liver and Intrahepatic Bile Ducts</u>							
Male	0.99	0	NC*				
Female	0.35	2	NC*				
Total	1.34	2	NC*				
<u>Lung and Bronchus</u>							
Male	13.51	13	96				
Female	10.40	14	135				
Total	23.90	27	113				

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Tyringham

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.45	0	NC*	Male	0.26	0	NC*
Female	0.12	0	NC*	Female	0.15	0	NC*
Total	0.57	0	NC*	Total	0.41	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.13	0	NC*	Male	0.08	0	NC*
Female	0.08	0	NC*	Female	0.06	0	NC*
Total	0.20	0	NC*	Total	0.14	0	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.03	0	NC*	Male	0.33	0	NC*
Female	2.02	2	NC*	Female	0.22	0	NC*
Total	2.05	2	NC*	Total	0.54	0	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.11	0	NC*	Male	0.28	1	NC*
				Female	0.10	0	NC*
				Total	0.38	1	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	1.13	1	NC*	Female	0.23	0	NC*
Female	0.73	0	NC*				
Total	1.86	1	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.17	0	NC*	Male	0.18	0	NC*
Female	0.04	0	NC*	Female	0.13	0	NC*
Total	0.20	0	NC*	Total	0.31	0	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.05	0	NC*	Male	2.76	1	NC*
Female	0.03	0	NC*				
Total	0.07	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.26	0	NC*	Male	0.19	0	NC*
Female	0.12	0	NC*	Female	0.08	0	NC*
Total	0.37	0	NC*	Total	0.27	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.15	0	NC*	Male	0.05	0	NC*
Female	0.03	0	NC*				

Total	0.18	0	NC*
<u>Leukemia</u>			
Male	0.18	0	NC*
Female	0.10	0	NC*
Total	0.28	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>			
Male	0.09	0	NC*
Female	0.03	0	NC*
Total	0.12	0	NC*
<u>Lung and Bronchus</u>			
Male	1.44	0	NC*
Female	0.83	0	NC*
Total	2.27	0	NC*

<u>Thyroid</u>			
Male	0.04	0	NC*
Female	0.09	0	NC*
Total	0.13	0	NC*
<u>Uteri, Corpus and Uterus, NOS</u>			
Female	0.40	0	NC*
<u>All Sites / Types</u>			
Male	8.84	4	NC*
Female	6.08	3	NC*
Total	14.92	7	47 #-

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Upton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	2.98	2	NC*	Male	1.98	2	NC*
Female	1.16	2	NC*	Female	1.50	3	NC*
Total	4.13	4	NC*	Total	3.47	5	144
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	1.05	3	NC*	Male	0.58	0	NC*
Female	0.81	2	NC*	Female	0.52	1	NC*
Total	1.85	5	270	Total	1.09	1	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.20	0	NC*	Male	2.47	1	NC*
Female	18.91	18	95	Female	2.16	2	NC*
Total	19.10	18	94	Total	4.62	3	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	1.16	0	NC*	Male	2.09	2	NC*
				Female	0.93	2	NC*
				Total	3.01	4	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	7.48	7	94	Female	2.23	1	NC*
Female	7.26	16	220 ~+				
Total	14.74	23	156				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	1.14	1	NC*	Male	1.20	1	NC*

Female	0.37	0	NC*	Female	1.26	0	NC*
Total	1.51	1	NC*	Total	2.46	1	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.49	2	NC*	Male	18.39	13	71
Female	0.40	1	NC*				
Total	0.89	3	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	1.84	2	NC*	Male	1.27	1	NC*
Female	1.10	1	NC*	Female	0.79	1	NC*
Total	2.94	3	NC*	Total	2.06	2	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	1.07	1	NC*	Male	0.72	0	NC*
Female	0.27	0	NC*				
Total	1.34	1	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.36	2	NC*	Male	0.41	1	NC*
Female	1.07	0	NC*	Female	1.05	1	NC*
Total	2.43	2	NC*	Total	1.46	2	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.67	0	NC*	Female	3.61	1	NC*
Female	0.27	1	NC*				
Total	0.94	1	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	9.75	9	92	Male	61.30	55	90
Female	7.50	8	107	Female	58.58	65	111
Total	17.25	17	99	Total	119.88	120	100

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Uxbridge

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	6.51	5	77	Male	4.20	3	NC*
Female	2.62	1	NC*	Female	3.38	0	NC*
Total	9.14	6	66	Total	7.59	3	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.23	3	NC*	Male	1.23	0	NC*
Female	1.82	3	NC*	Female	1.16	2	NC*
Total	4.05	6	148	Total	2.39	2	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			

Male	0.42	0	NC*	Male	5.33	6	113
Female	42.30	42	99	Female	4.89	5	102
Total	42.72	42	98	Total	10.22	11	108
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	2.64	1	NC*	Male	4.33	6	139
<u>Colon / Rectum</u>				Female	2.08	1	NC*
Male	16.34	12	73	Total	6.40	7	109
Female	16.46	15	91	<u>Ovary</u>			
Total	32.80	27	82	Female	5.01	7	140
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.40	0	NC*	Male	2.60	2	NC*
Female	0.85	0	NC*	Female	2.85	6	210
Total	3.24	0	NC*	Total	5.45	8	147
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.10	0	NC*	Male	39.25	26	66 #-
Female	0.92	1	NC*	<u>Stomach</u>			
Total	2.02	1	NC*	Male	2.78	3	NC*
<u>Kidney and Renal Pelvis</u>				Female	1.78	4	NC*
Male	3.85	5	130	Total	4.56	7	154
Female	2.47	2	NC*	<u>Testis</u>			
Total	6.33	7	111	Male	1.67	1	NC*
<u>Larynx</u>				<u>Thyroid</u>			
Male	2.22	1	NC*	Male	0.87	0	NC*
Female	0.61	0	NC*	Female	2.41	1	NC*
Total	2.83	1	NC*	Total	3.28	1	NC*
<u>Leukemia</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	2.93	5	171	Female	8.05	7	87
Female	2.41	1	NC*	<u>All Sites / Types</u>			
Total	5.34	6	112	Male	131.57	105	80 #-
<u>Liver and Intrahepatic Bile Ducts</u>				Female	131.90	128	97
Male	1.42	3	NC*	Total	263.46	233	88
Female	0.61	0	NC*	<u>Lung and Bronchus</u>			
Total	2.03	3	NC*	Male	20.81	16	77
<u>Lung and Bronchus</u>				Female	16.91	19	112
Male	20.81	16	77	Total	37.72	35	93
Female	16.91	19	112				
Total	37.72	35	93				

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